

L66 ANSWER 8 OF 14 CAPLUS COPYRIGHT 1999 ACS  
 ACCESSION NUMBER: 1987:556751 CAPLUS  
 DOCUMENT NUMBER: 107:156751  
 TITLE: Manufacture of **colored woods**  
 INVENTOR(S): Ito, Tatsuo; Ihara, Ichiro  
 PATENT ASSIGNEE(S): Matsushita Electric Works, Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 62025009	A2	19870203	JP 85-165442	19850725

AB **Colored woods** are manufd. by impregnating **woods** with reactive **coloring** solns., then with **dye solns.**, and then with synthetic resins and semi-cured by hot air, then coating with the above synthetic resins contg. **colorants**, and curing (grain is marked by darkening vessels of broad-leaved trees).

Thus, oak veneers were impregnated with 30% NaHCO3 aq. soln. for 10 min and laminated, then coated with Suminol Milling Brown 3G (**dye**) 2% soln., treated with steam for 3 h, cooled and dried, then impregnated with a compn. composed of unsatd. polyester 100, styrene 20, and Bz202 2 parts, and semi-cured at 120-140.degree. for 20 min. This veneer was laminated on a plywood and pressed at 10-11 kg/cm2 and 140-150.degree. for 3 min, then coated with the above synthetic resin contg. 2 parts Bicol Stain Brown (**dye**) to give a **colored** plate.

TI Manufacture of **colored woods**

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ST **coloring wood** polymer impregnation; plastic **wood** composite **coloring**; polyester styrene impregnation **wood**

IT **Wood**  
 (coloring of, in wood plastic composites, impregnating reactive **coloring** solns. for)

IT **Coloring**  
 (of **woods**, in wood-plastic composites, by impregnation with reactive **coloring** soln.)

IT Polyesters, uses and miscellaneous  
 RL: USES (Uses)

(unsatd., styrene-crosslinked, **wood** impregnated with  
**colorants**)  
IT 100-42-5, Styrene, uses and miscellaneous  
RL: MOA (Modifier or additive use); USES (Uses)  
(crosslinking agents, for unsatd. polyester **colorants** in  
**wood**)  
IT 1309-37-1, uses and miscellaneous 6373-79-1, Suminol Milling Brown 3G  
12227-89-3, Mapico Black BL-100 95328-15-7 110734-98-0 110735-28-9  
110736-73-7 110736-74-8 110736-75-9  
RL: USES (Uses)  
(**dyes**, for **woods**)  
IT 144-55-8, Sodium hydrogencarbonate, uses and miscellaneous 497-19-8,  
Sodium carbonate, uses and miscellaneous **1310-73-2**, Sodium  
hydroxide, uses and miscellaneous **7758-98-7**, uses and  
miscellaneous *Copper sulfate*  
RL: USES (Uses)  
(reactive **coloring** solns., **wood** impregnated with)  
IT 9011-14-7, Poly(methyl methacrylate)  
RL: USES (Uses)  
(**wood** impregnation with **colorants** and)